CASE STUDY

CGNP UK

Background

CGN UK, a subsidiary of China General Nuclear Power Group, is committed to clean energy development and investment across the UK. As a critical infrastructure player, CGN UK prioritises cybersecurity, compliance, and operational resilience across all digital operations.

Challenges

CGN UK needed a strong and all-in-one network security solution to deal with rising cyber threats and the shift to hybrid working. Their main concerns were:

• **Secure and reliable remote access** for staff and contractors
• **Granular control over user internet access and bandwidth usage**
• **Next-generation firewall protection** with full visibility into internal and external traffic
• **Regulatory compliance** and alignment with UK-based cybersecurity best practices

Solution

To meet these challenges, CGN UK partnered with our team and deployed a combination of **Sangfor's enterprise-grade network security solutions:**

• **Sangfor SSL VPN-1000-F640:** Ensures secure, encrypted remote access with identity-based authentication and flexible policy control.
• **Sangfor NGAF-2000-H642 (Next-Generation Firewall)**: Provides application-layer threat protection, intrusion prevention, and advanced traffic analysis.
• **Sangfor IAG AC-1000-D420 (Internet Access Gateway)**: Delivers in-depth user behaviour management, bandwidth control, and unified content filtering.

The Deployment Approach

The solution was implemented in phases, with seamless integration into CGN UK's existing IT infrastructure. Sangfor's centralised management console enabled quick deployment, real-time monitoring, and easy policy customisation.

Our team worked closely with CGN UK throughout the deployment—providing technical support, configuration guidance, and post-installation health checks to ensure optimal performance and user satisfaction.

Key Results

✅ Secure Remote Access: Staff and contractors now benefit from stable, policy-based VPN connections with zero disruptions.

✅ Enhanced Network Visibility: IT teams can monitor and control internet usage, enforce policies, and respond faster to anomalies.

✅ Threat Prevention: NGAF's intelligent protection engine proactively blocks malware, phishing, and external attacks.

✅ Regulatory Alignment: CGN UK's environment now adheres to UK cybersecurity best practices, reducing compliance risk.

Customer Feedback

"The Sangfor solution has improved both our security posture and the user experience. It's intuitive, scalable, and fully aligned with our operational goals."
— CGN UK IT Manager